

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) SDG Y9487 Case 43789 Contract EPW11033 Region 9 DDTID 184995 SOW SOM01.2

Data Review Reports

DMC/Surrogate

DMC/Surrogate	VOA_Low_Med
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.
	Y93X1, Y93Y0, Y9489
	Toluene-d8 Y9489
	Ethylbenzene, Tetrachloroethene, Toluene, Trichloroethene, m,p-Xylene, o-Xylene
	Benzene-d6 Y9489
	Benzene
	1,2-Dichloropropane-d6 Y9489
	Vinyl chloride-d3 Y93Y0
	Vinyl chloride
	1,2-Dichloroethane-d4 Y9489
	1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane
	trans-1,3-Dichloropropene-d4 Y9489
	1,4-Dioxane-d8 Y93X1
DMC/Surrogate	VOA_Low_Med
VDSS4	The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	Y93X0, Y93X1, Y93X3, Y93X4, Y93X6, Y93X7, Y93X8, Y93X9, Y93Y0, Y93Y1, Y93Y2, Y93Y3, Y93Y4, Y93Y5, Y9487, Y9488
	Toluene-d8 Y93Y0, Y93Y3, Y93Y4, Y9487, Y9488
	Ethylbenzene, Tetrachloroethene, Toluene, Trichloroethene, m,p-Xylene, o-Xylene
	Benzene-d6 Y93X0, Y93Y0, Y93Y3, Y93Y4
	Benzene
	1,2-Dichloroethane-d4 Y93X0, Y93X1, Y93X3, Y93X4, Y93X6, Y93X7, Y93X8, Y93X9, Y93Y0, Y93Y1, Y93Y2, Y93Y3, Y93Y4, Y93Y5
	1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane
	Chloroform-d Y93X0, Y93X1, Y93X4, Y93X6, Y93Y0, Y93Y1, Y93Y2, Y93Y3, Y93Y4, Y93Y5
	1,1-Dichloroethane, Chloroform

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DMC/Surrogate

DMC/Surrogate	VOA_Low_Med
	trans-1,3-Dichloropropene-d4 Y93X8, Y93Y3, Y93Y4

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Detection Limit

Detection Limit	VOA_Low_Med
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	Y93X0, Y93X4, Y93X6, Y93X8, Y93Y2, Y93Y3, Y9488
	cis-1,2-Dichloroethene Y9488
	trans-1,2-Dichloroethene Y93X0, Y93X4, Y93X6, Y93X8, Y93Y2, Y93Y3

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Internal Standard

Internal Standard	VOA_Low_Med
VIS31	The following volatile samples have internal standard area counts that are outside the lower limit of primary criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	Y9487, Y9489
	1,4-Dichlorobenzene-d4 Y9487, Y9489
	1,2-Dichlorobenzene

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Matrix Spikes

Matrix Spikes	VOA_Low_Med
VMS4	Volatile matrix spike and/or matrix spike duplicate data is missing for this SDG. Detected and nondetected compounds are not qualified.
	Y9487, Y9487, Y9488, Y9488, Y9489, Y9489, Y93X0, Y93X0, Y93X1, Y93X1, Y93X3, Y93X3, Y93X4, Y93X4, Y93X6, Y93X6, Y93X7, Y93X7, Y93X8, Y93X8, Y93X9, Y93X9, Y93Y0, Y93Y0, Y93Y1, Y93Y1, Y93Y2, Y93Y2, Y93Y3, Y93Y3, Y93Y4, Y93Y4, Y93Y5, Y93Y5, Y93X2, Y93X2, Y9407, Y9407